

Special Issue

Waste Management and Recycling Innovations for Environmental Sustainability

Message from the Guest Editors

The production of solid waste by human activity deteriorates both the condition of the environment and the health of the living organisms that inhabit it. Waste management needs more careful planning as a result of climate change, which has made it increasingly important to find tools that support long-term sustainable development in order to implement industrial policies for the environment. There are growing implications for both natural and built settings, especially for industrial-related activities. In addition, a lack of professional health regulations exposes informal landfill workers to a variety of contaminants, infections, respiration and dermatological issues, and other major health concerns that lower life expectancy. Bringing the informal and formal sectors together could help manage waste better while solving these grave concerns regarding employment and health. In future generations, waste management will need to adopt a more systems-oriented methodology that tackles the underlying causes of issues in order to manage resources and waste in a sustainable manner.

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